

## AMPLIFICATION OF HUMAN MDM2 GENE IN HUMAN TUMORS

### ABSTRACT OF THE DISCLOSURE

A human gene has been discovered which is genetically altered in human tumor cells. The genetic alteration is gene amplification and leads to a corresponding increase in gene products. Detecting that the gene, designated hMDM2, has become amplified or detecting increased expression of gene products is diagnostic of tumorigenesis. Human MDM2 protein binds to human p53 and allows the cell to escape from p53-regulated growth.

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